KV-1204/1215

USA Model

Chassis No.

SCC-110B-A (KV-1204) SCC-110A-A (KV-1215)







TRINITRON **COLOR T**

SPECIFICATIONS

Television System: American TV standards

> Color System: NTSC

30 cm, 12" (measured diagonally), Picture Tube:

90° deflection TRINITRON system

1 FET, 48 transistors, 38 (39) diodes, Semiconductors:

2 (3) ICs and 1 GCS): KV-1215

VHF: 300Ω balanced Antennas:

(telescopic dipole*) UHF: 300Ω balanced

(loop antenna*)

Note: Supplied with accessories.

Channel Coverage:

VHF channels: 2-13 UHF channels: 14-83 (70-position detent tuner)

Intermediate Frequencies:

Picture i-f carrier: 45.75 MHz Color subcarrier: 42.17 MHz 41.25 MHz

Sound System:

Sound i-f carrier: 4.5 MHz intercarrier

Output power: 1.5 W (at 10%

harmonic distortion)

Speaker: 12 x 8 cm (4-3/4 x 3-1/8 inches) oval, 8Ω

Video System:

RGB cathode drive

Automatic Controls:

ABL (automatic brightness limiter) ACC (automatic color control)

ACK (automatic color killer)

ADG (automatic degaussing) AFC (automatic frequency control)

(automatic fine tuning) AFT AGC (automatic gain control)

(automatic noise canceller) ANC

(automatic voltage regulator) AVR

Anode Voltage: Power Requirements: 23.5 kV at zero beam current 120 V AC, 60 Hz

Power Consumption:

95 W (max.)

Dimensions:

446(w) x 343(h) x 375(d)mm

17-5/8(w) x 13-1/2(h) x 14-3/4(d) inches

. KV-1204

472(w) x 345(h) x 375(d)mm 18-5/8(w) x 13-5/8(h) x 14-3/4(d) inches

.... KV-1215

Net Weight:

13.1 kg (28 lb 14 oz) KV-1204

13.5 kg (29 lb 12 oz) KV-1215

Earphone (ME-20B) Accessories:

VHF dipole antenna (AN-16) UHF loop antenna (AN-15)

Instruction manual

WARNING!!

TO ELIMINATE SHOCK HAZARD AND PROTECT EQUIP-MENT WHEN SERVICING THE SET WITH THE COVERS REMOVED, MAKE SURE THAT THE SET IS PLUGGED INTO A SUITABLY-RATED ISOLATION FORMER.

X-RAY RADIATION WARNING!!

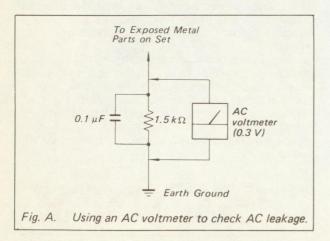
REPLACE COMPONENTS IDENTIFIED ON THE SCHE-MATIC DIAGRAMS BY SHADING WITH SONY PARTS HAVING THE PART NUMBERS GIVEN IN THIS MANUAL. OR APPROVED SUPPLEMENTS, ONLY. CHECK HIGH VOLTAGE USING THE VALUE AND **OPERATING CONDITIONS SHOWN ON THE SCHEMATIC** DIAGRAM.



SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

- Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
- 2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
- Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
- Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
- Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
- Check the line cord for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
- 7. Check the condition of the monopole antenna (if any). Make sure the end is not broken off, and has the plastic cap on it. Point out the danger of impalement on a broken antenna to the customer, and recommend the antenna's replacement.
- 8. Check the B+ and HV to see they are at the values specified. Make sure your instruments are accurate, be suspicious of your HV meter if sets always have low HV.
- 9. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal



parts for AC leakage. Check leakage as described below.

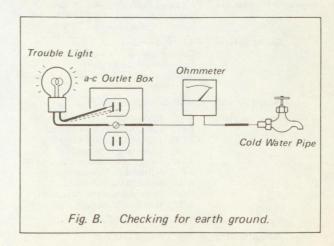
LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground must not exceed 0.2 mA (200 microamperes). Leakage current can be measured by any one of three methods.

- A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
- A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
- 3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.3 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A.)

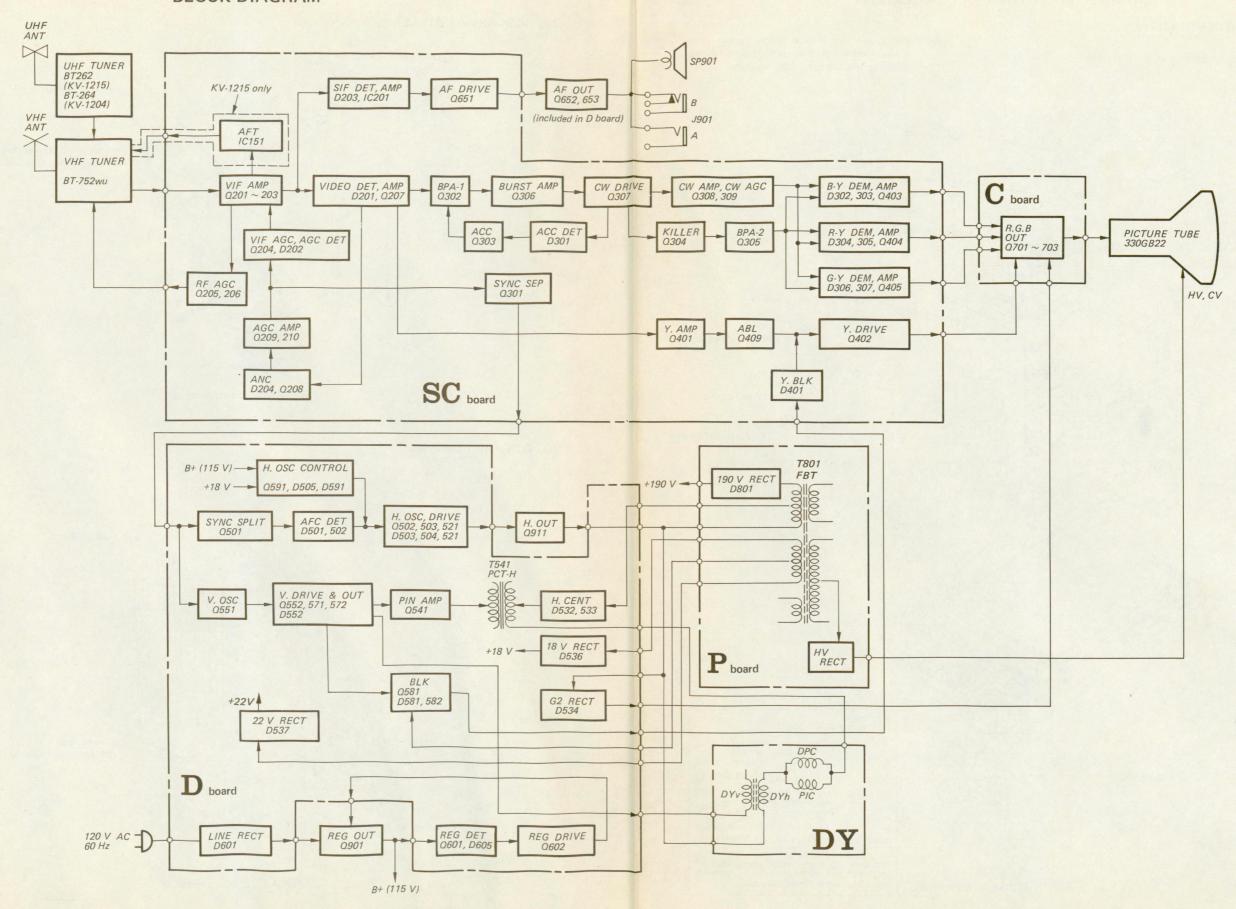
HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground; the cover-plate retaining screw on most a-c outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60 – 100 watt trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line. The lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B.)



KV-1204 KV-1204 KV-1215 KV-1215

SECTION 1 BLOCK DIAGRAM



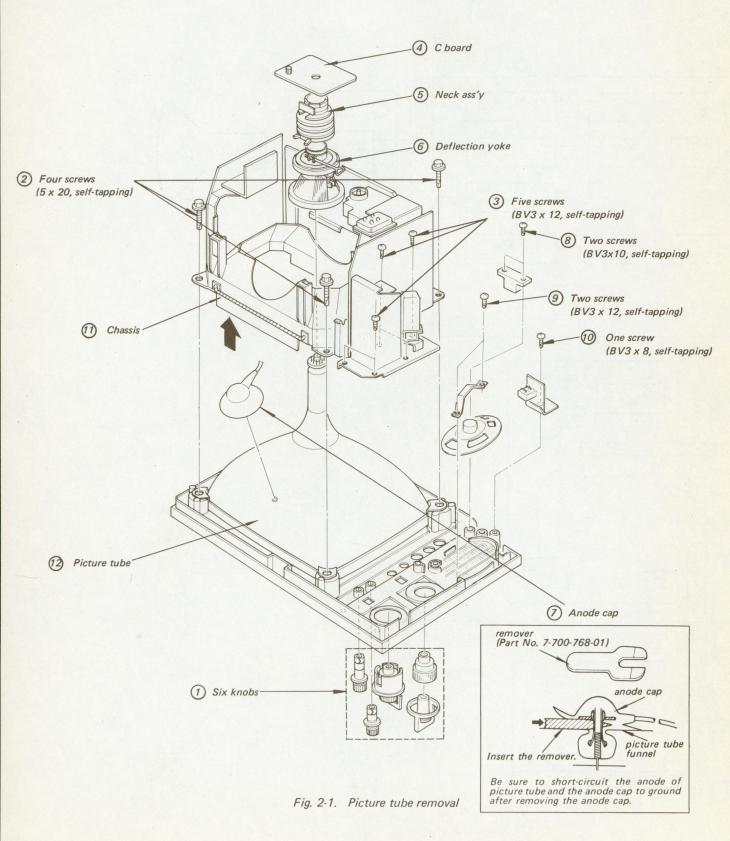
SECTION 2 DISASSEMBLY AND REPLACEMENT

2-1. PICTURE TUBE REMOVAL

Remove the picture tube in numerical order.

Note: All screws are Phillips (cross recess) type.

When removing the cabinet or chassis, take out all the screws marked on them.



2-2. SC BOARD REMOVAL

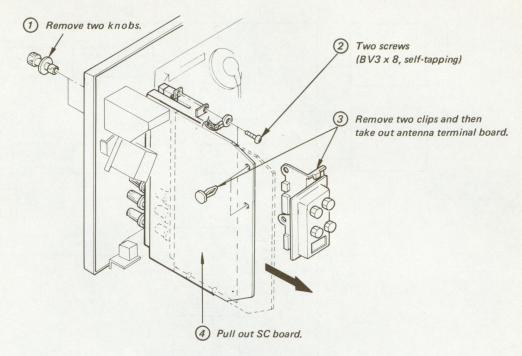


Fig. 2-2. SC board removal

2-3. D BOARD REMOVAL

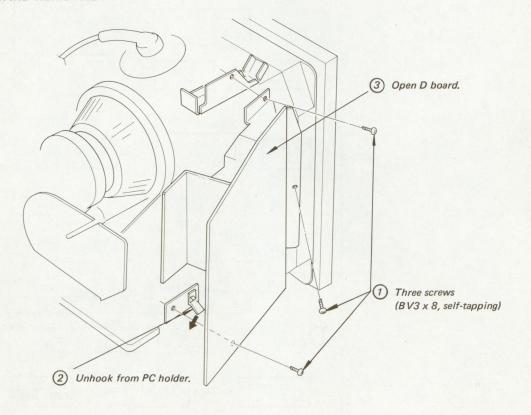


Fig. 2-3. D board removal

2-4. UHF TUNER DIAL CALIBRATION

- 1. Turn the tuner shaft fully counterclockwise.
- 2. Set the digits on the dial drums as shown in Fig. 2-4, and then fix them with cellophane tape.
- 3. Mesh the dial drums with the skip gear as shown in Fig. 2-5.
- 4. Install the compression spring and drum support on the drum shaft. Then, install the dial drums and the meshed skip gear (See Fig. 2-6).
- 5. Tighten the UHF tuner with three screws (PS3x5), and then install the drive gear as shown in Fig. 2-7. Remove the cellophane tape.
- 6. Confirm that the tuner drums indicate "14" by turning the shaft fully counterclockwise, while "83" by turning the shaft fully clockwise.

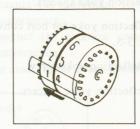


Fig. 2-4. Digit setting

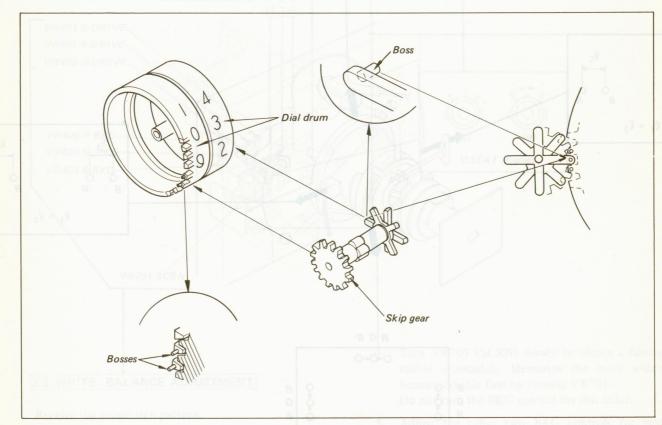


Fig. 2-5. UHF tuner dial calibration (1)

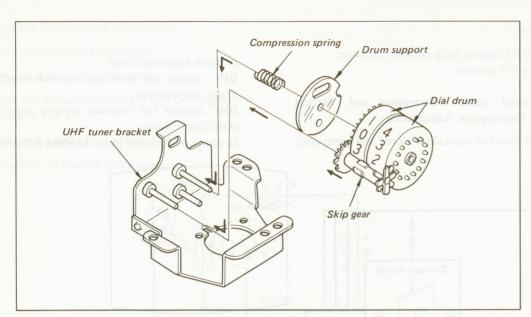


Fig. 2-6. UHF tuner dial calibration (2)

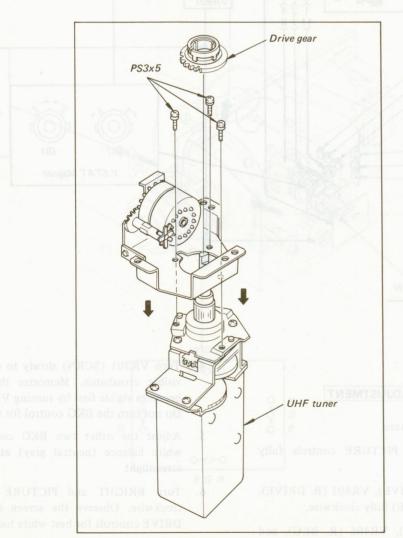


Fig. 2-7. UHF tuner dial calibration (3)

-8-

2-5. CIRCUIT BOARDS LOCATION

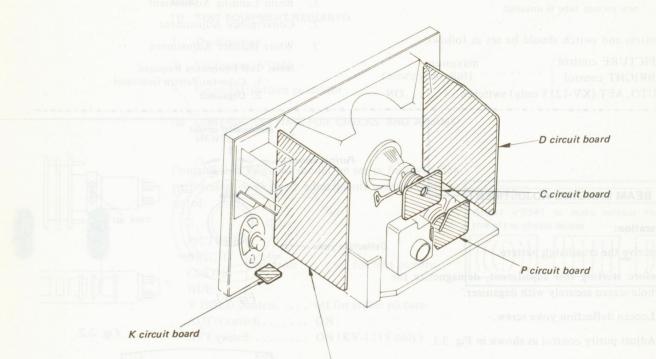


Fig. 2-8. Circuit boards location

SC circuit board

SECTION 3 SETUP ADJUSTMENTS

The following adjustments should be made when a complete realignment is required or a new picture tube is installed.

Controls and switch should be set as follows:

PICTURE control (fully clockwise) BRIGHT control AUTO, AFT (KV-1215 only) switches ON

Perform the adjustments in order as follows:

- 1. Beam Landing Adjustment
- 2. Convergence Adjustment
- 3. White Balance Adjustment

Note: Test Equipment Required.

- 1. Color-bar/Pattern Generator
- 2. Degausser

3-1. BEAM LANDING ADJUSTMENT Preparation:

- Receive the crosshatch pattern.
- Before starting this adjustment, demagnetize the whole screen securely with degausser.
- 1. Loosen deflection yoke screw.
- Adjust purity control as shown in Fig. 3-1.
- Remove the deflection yoke spacers.
- 4. Slide deflection yoke forward as far as it will go.
- 5. Position neck ass'y as shown in Fig. 3-2.
- Disconnect leads 6 and 7 on the C circuit board.
- 7. Adjust purity control to center vertical red band as shown in Fig. 3-3.
- 8. Slide deflection yoke backward for a uniform red screen.
- 9. Check green and blue rasters for uniformity. To get a uniform green screen.
 - Connect lead (6) on the C circuit board. Disconnect leads (5) and (7).

To get a uniform blue screen.

.... Connect lead 7 on the C circuit board. Disconnect leads (5) and (6).

After these checks, connect the leads (5), (6) and (7).

- 10. Install the deflection yoke spacers.
- 11. Tighten the deflection yoke screw.
- 12. Check if mislanding appears at corners a ~ d as shown in Fig. 3-4. If mislanding is observed, correct it as shown in Fig. 3-4.
- 13. Confirm that mislanding is not observed although the receiver is faced in any direction.

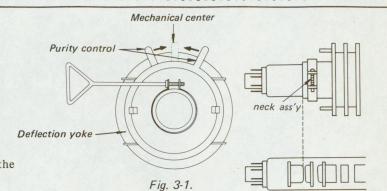


Fig. 3-2.

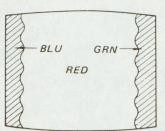


Fig. 3-3.

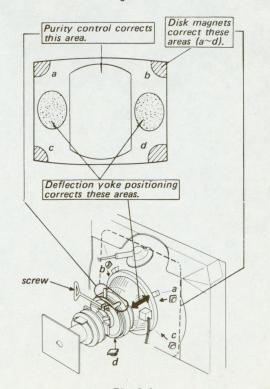


Fig. 3-4.

3-2. CONVERGENCE ADJUSTMENT

Preparation:

Turn BRIGHT control fully counterclockwise. Receive the dot pattern.

(1) Horizontal Static Convergence and Vertical Static Convergence Adjustments

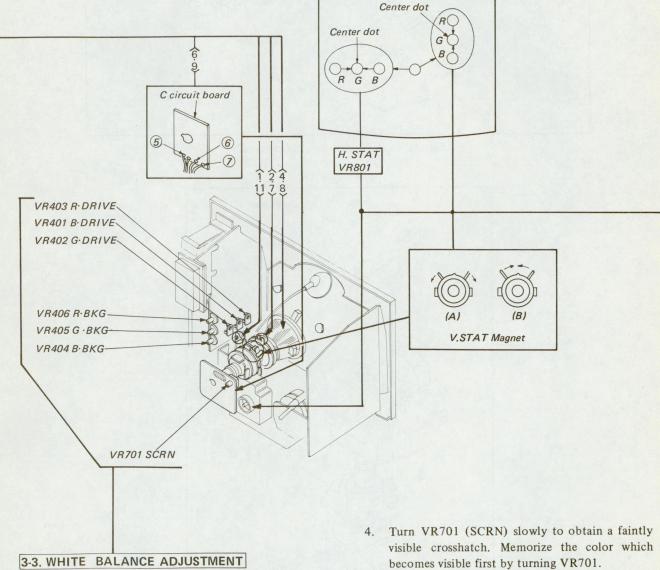
If blue dot does not coincide with red and green dots,

perform following Steps.

BMC magnet (a) movement corrects insufficient H. Static convergence.

BMC magnet (b) rotation corrects insufficient V static convergence.

In either case, repeat Beam Landing Adjustment.



- Receive the crosshatch pattern.
- 1. Turn BRIGHT and PICTURE controls fully counterclockwise.
- 2. Turn VR402 (G. DRIVE), VR401 (B. DRIVE), and VR403 (R. DRIVE) fully clockwise.
- 3. Set VR404 (B. BKG), VR406 (R. BKG), and VR405 (G. BKG) to mechanical center.

- Do not turn the BKG control for this color.
- 5. Adjust the other two BKG controls for best white balance (neutral gray) at faintly visible screenlight.
- 6. Turn BRIGHT and PICTURE controls fully clockwise. Observe the screen and adjust the DRIVE controls for best white balance.
- 7. Repeat Steps 1 through 6 several times.

(2) Dynamic Convergence Adjustment

- 1. Loosen deflection yoke screw.
- 2. Remove deflection yoke spacers.
- 3. Move the deflection yoke for best convergence as shown in Fig. 3-5.
- 4. Tighten the deflection yoke screw.

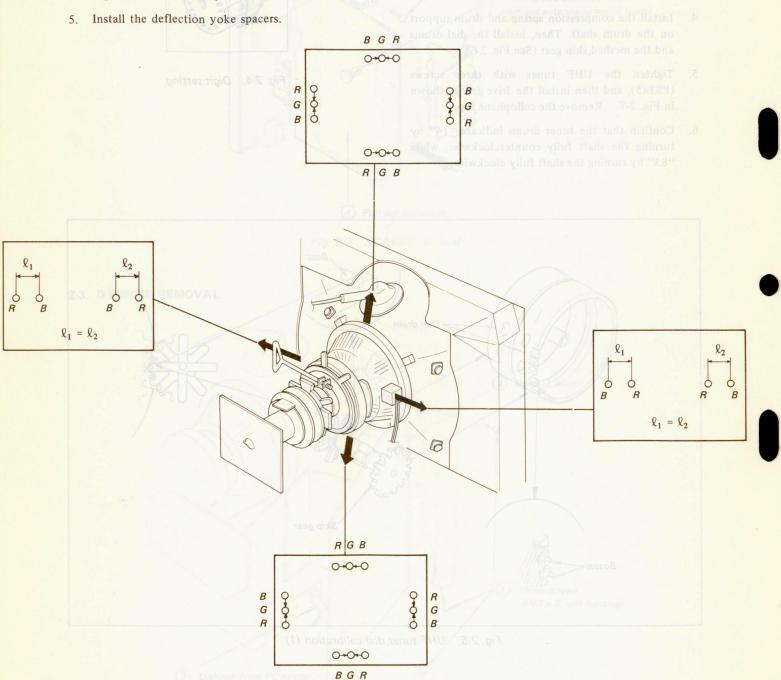


Fig. 3-5.

SECTION 4 CIRCUIT ADJUSTMENTS

PIN ADJ

straight as shown below.

4-1. D CIRCUIT BOARD ADJUSTMENTS

Note:

(1) TEST EQUIPMENT REQUIRED

- 1. Oscilloscope
- 2. Voltmeter (VOM)
- 3. Color-bar/pattern generator

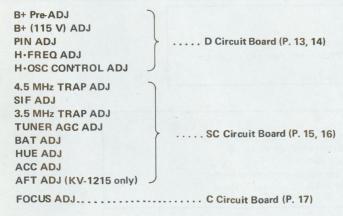
(2) CONTROL SETTING FOR CHECKS AND ADJUST-MENTS

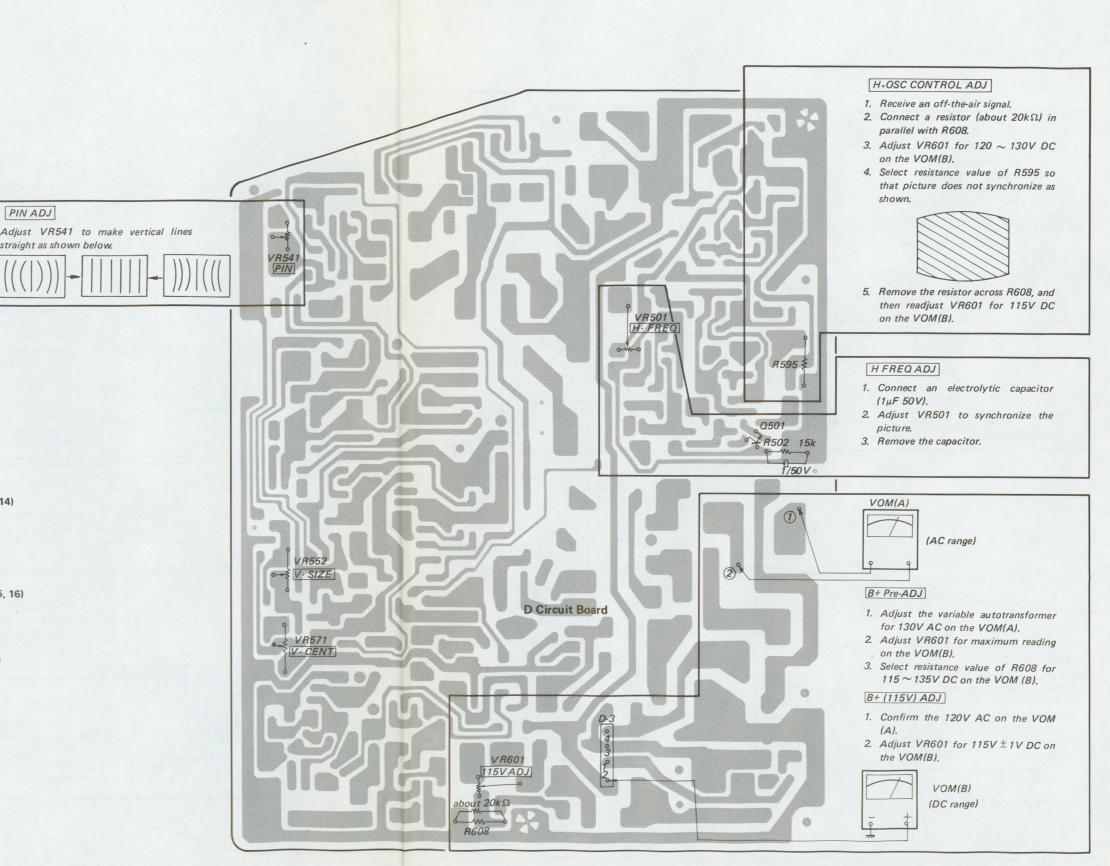
Controls and switches should be set as follows when performing checks and adjustments unless otherwise noted.

PICTURE BRIGHT controls set for best picture COLOR HUE V HOLD control . . . set for stable picture AUTO switch ON AFT switch ON (KV-1215 only)

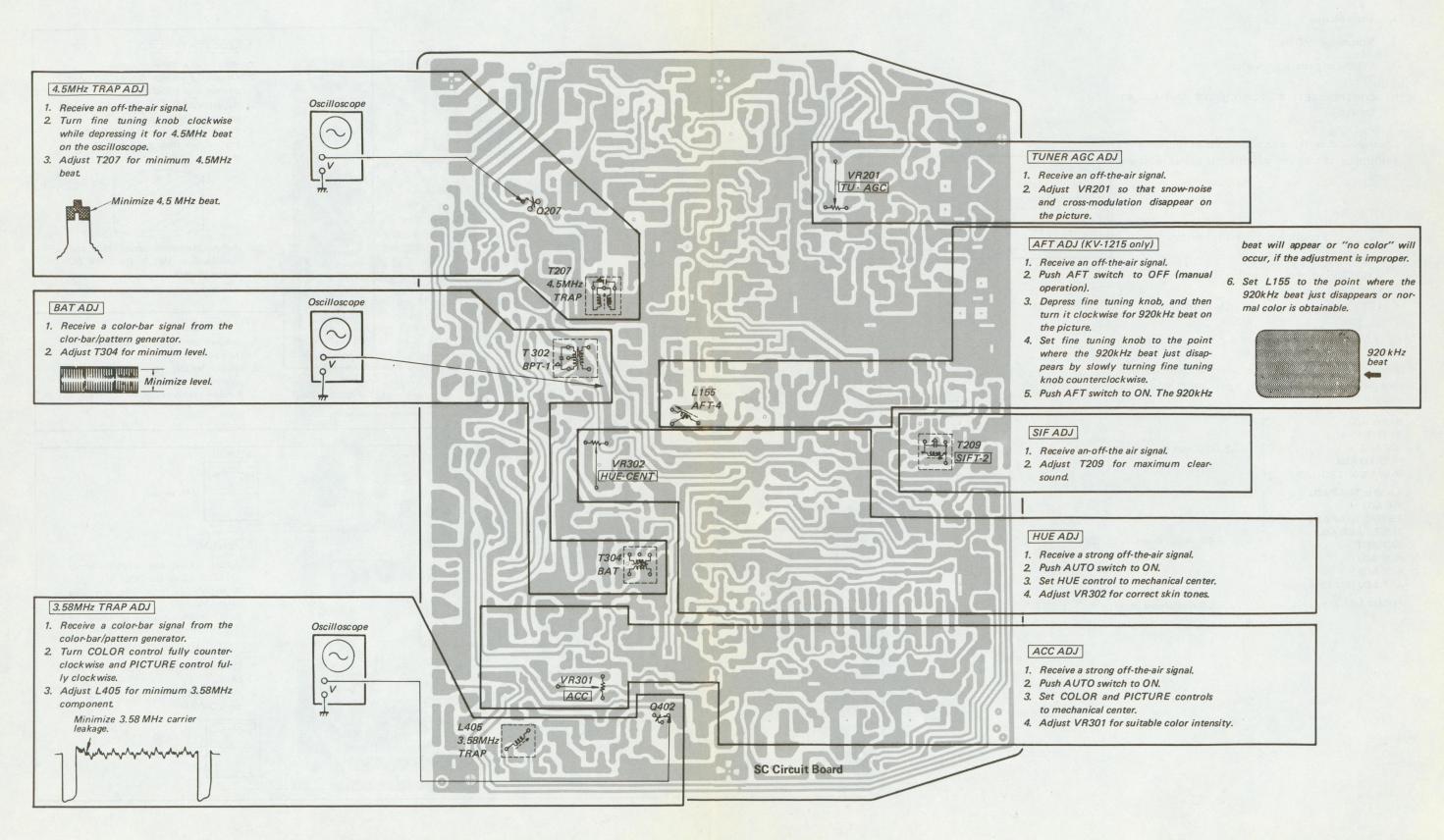
(3) RECEIVING SIGNAL

When performing these adjustments, receive any of a crosshatch signal, a color-bar signal or an off-the-air signal.



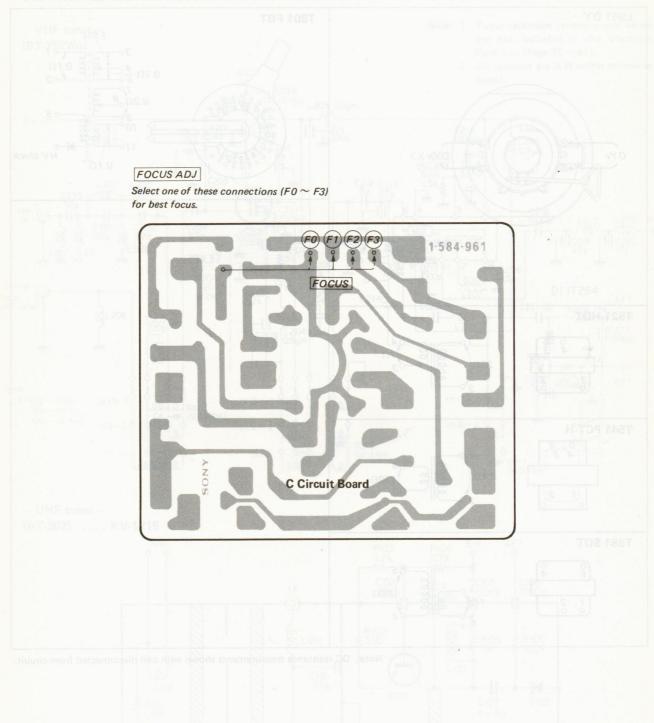


4-2. SC CIRCUIT BOARD ADJUSTMENTS



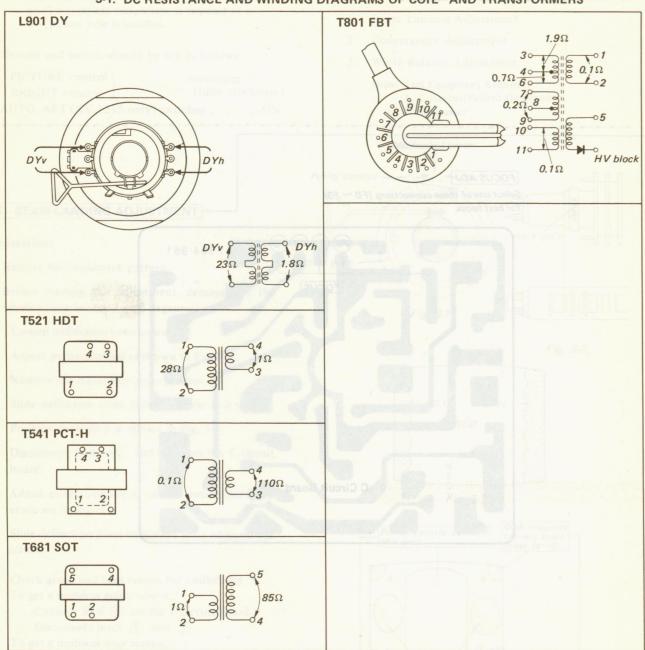
SECTION 5

4-3. C CIRCUIT BOARD ADJUSTMENT ROSEMARDAND EMIGMAN OMA BOMATZIZER OF THE

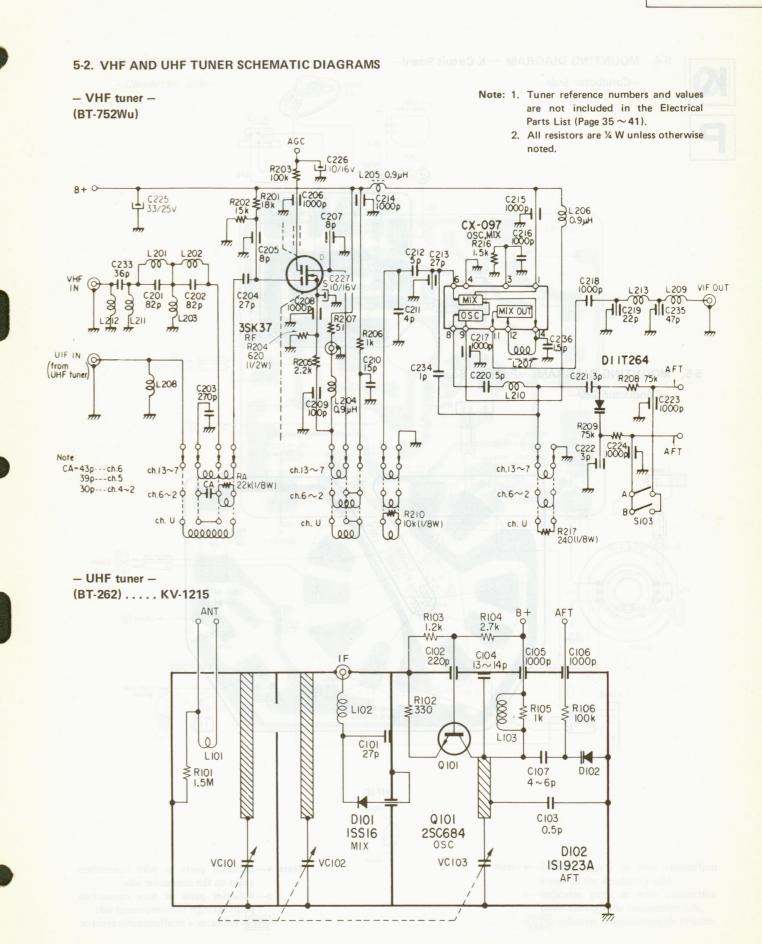


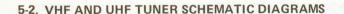
SECTION 5 DIAGRAMS

5-1. DC RESISTANCE AND WINDING DIAGRAMS OF COIL AND TRANSFORMERS



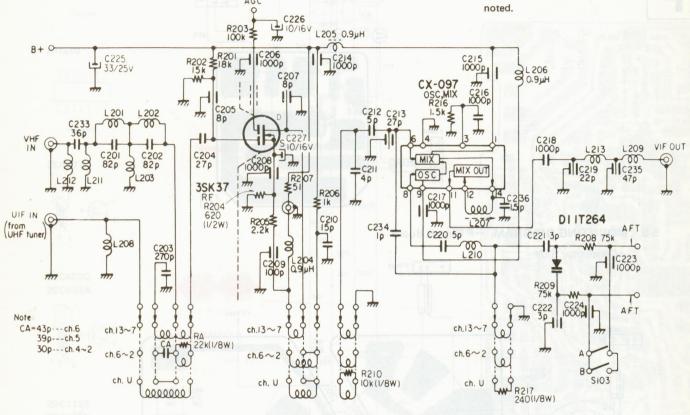
Note: DC resistance measurements shown with coil disconnected from circuit.





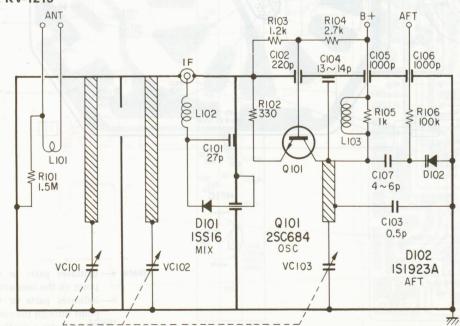
- VHF tuner -(BT-752Wu) Note: 1. Tuner reference numbers and values are not included in the Electrical Parts List (Page 35 ~ 41).

2. All resistors are ¼ W unless otherwise noted.

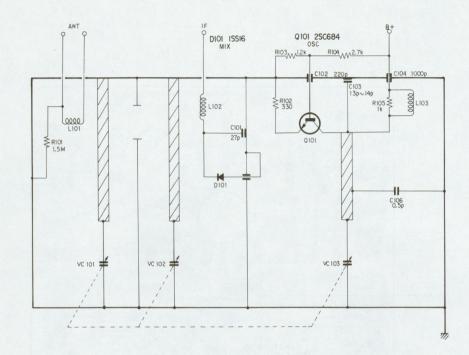


- UHF tuner -

(BT-262) KV-1215



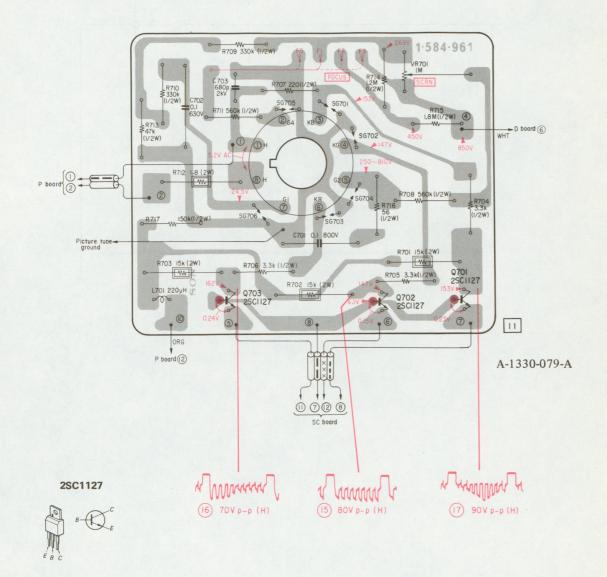
-UHF tuner-(BT-264) ----- KV-1204

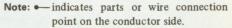


5-3. MOUNTING DIAGRAM -C Circuit Board-

-Conductor Side-





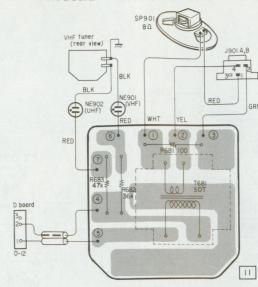


o-indicates parts or wire connection point through the component side. indicates a nonflammable resistor.

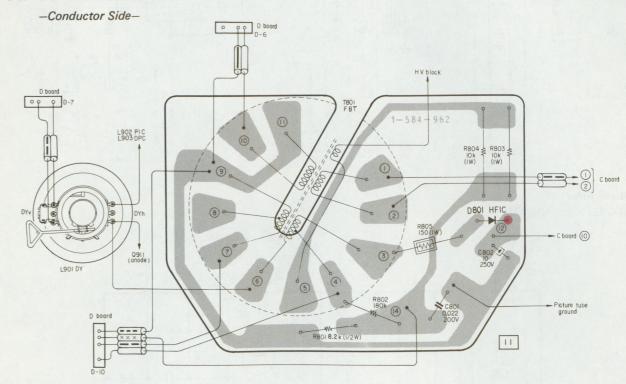
5-4. MOUNTING DIAGRAM - K Circuit Board-

-Conductor Side-





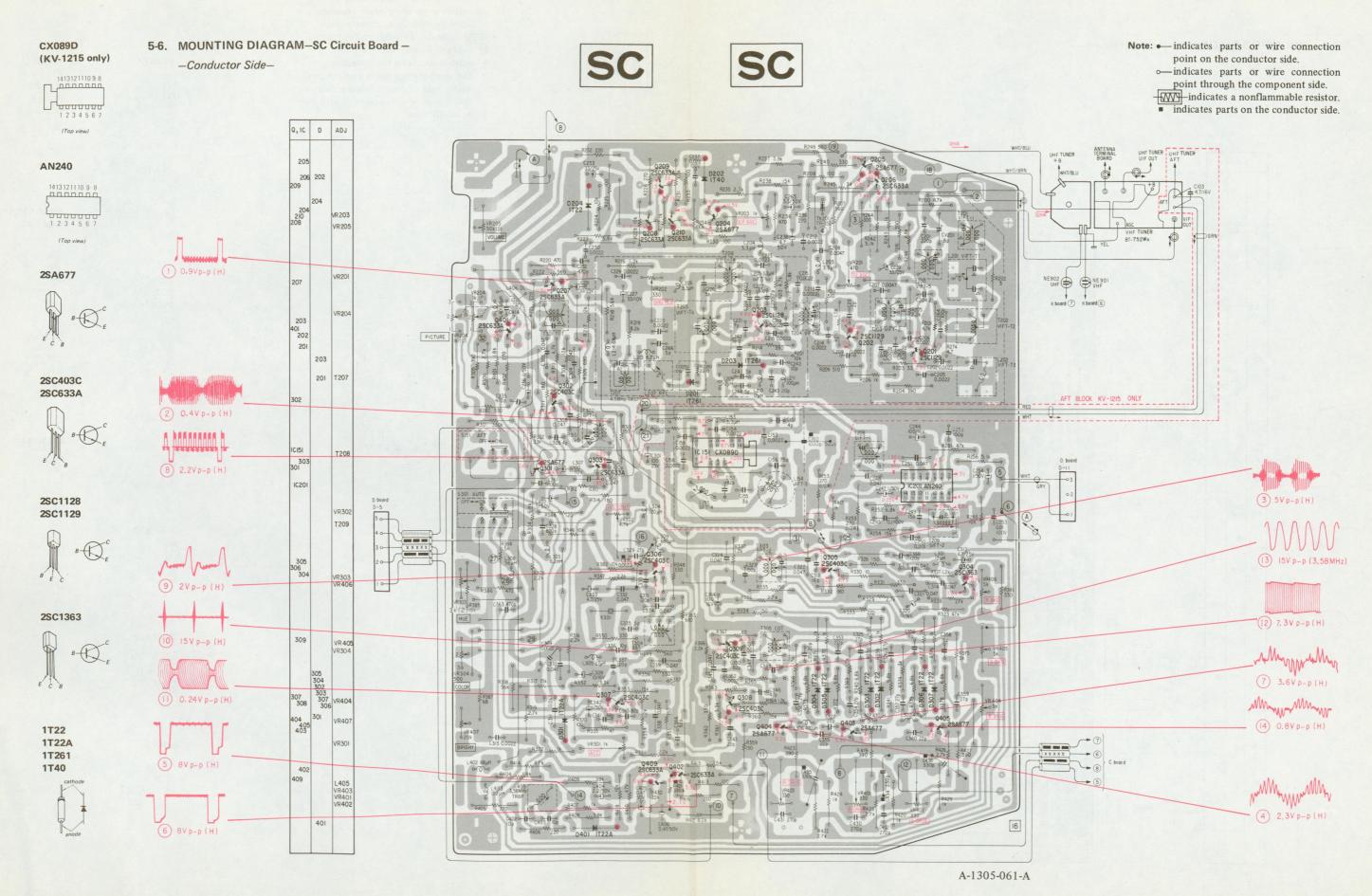
5-5. MOUNTING DIAGRAM -P Circuit Board-



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Note: - indicates parts or wire connection point on the conductor side.

o-indicates parts or wire connection point through the component side.



KV-1204 KV-1204 KV-1215 KV-1215

- Note: indicates parts or wire connection point on the conductor side.
 - o-indicates parts or wire connection point through the component side.
 - indicates a nonflammable resistor.

2SA677





1T22A

2SA840

EQA01-25R SIB01-02

2SC633A 2SC634A 2SC926A





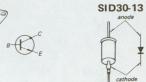
V09C VIIN

U05E

2SC867A







2SC1670



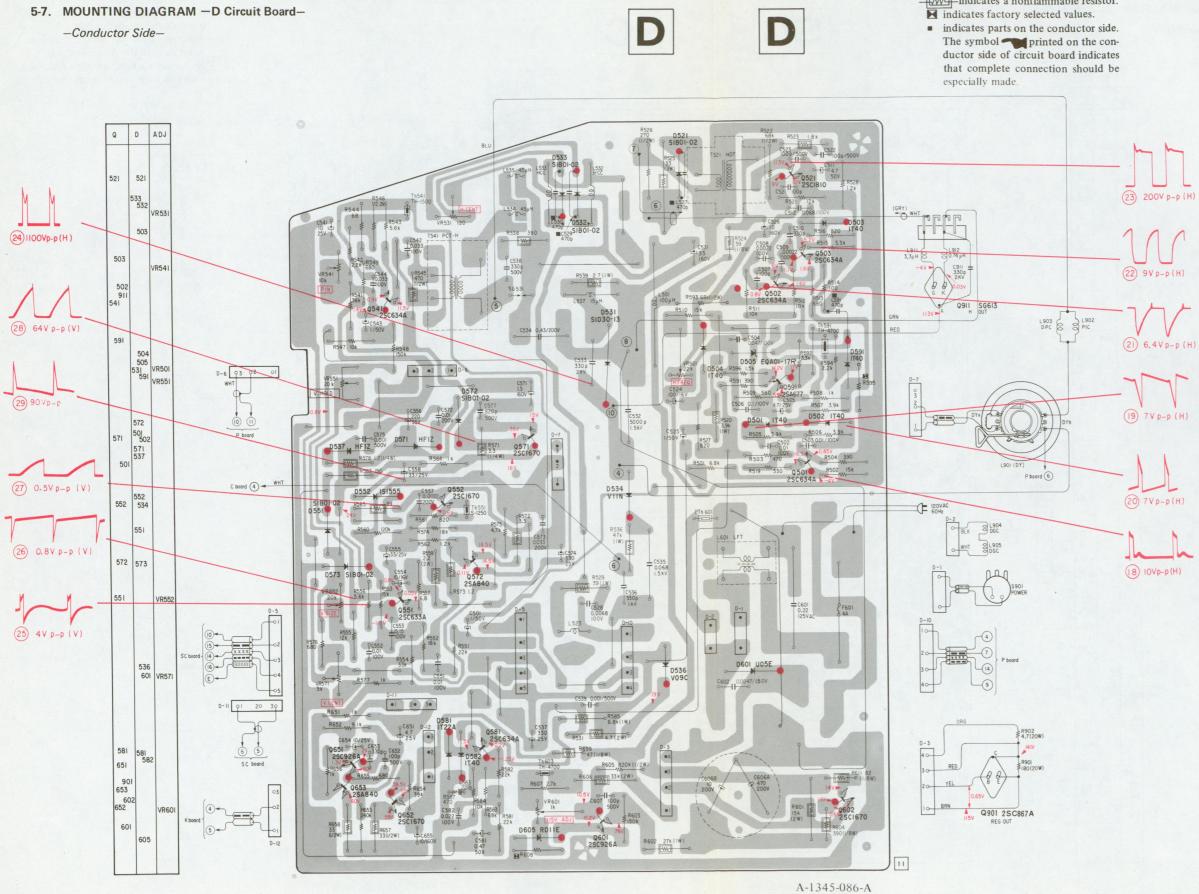


2SC1810

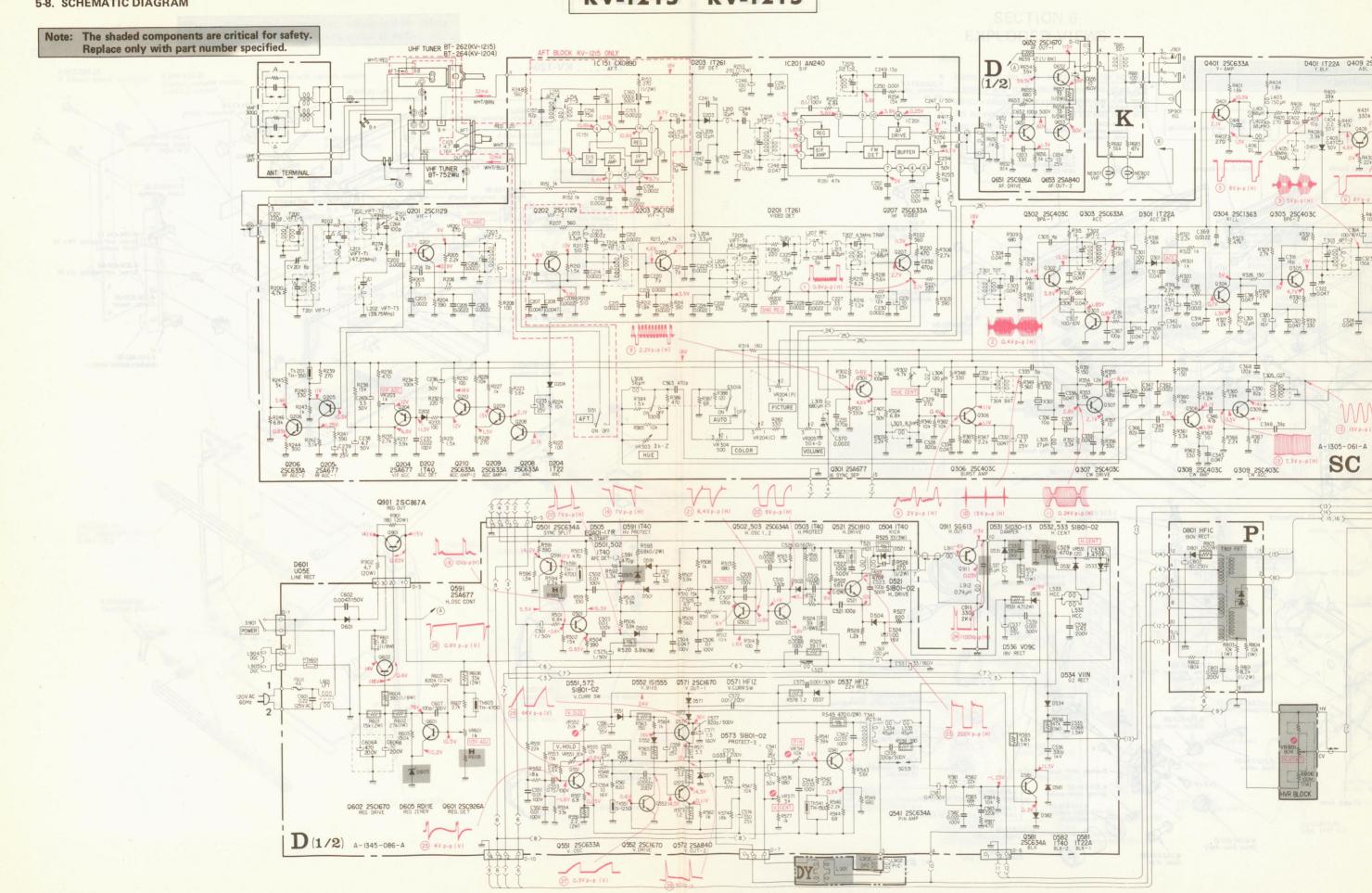


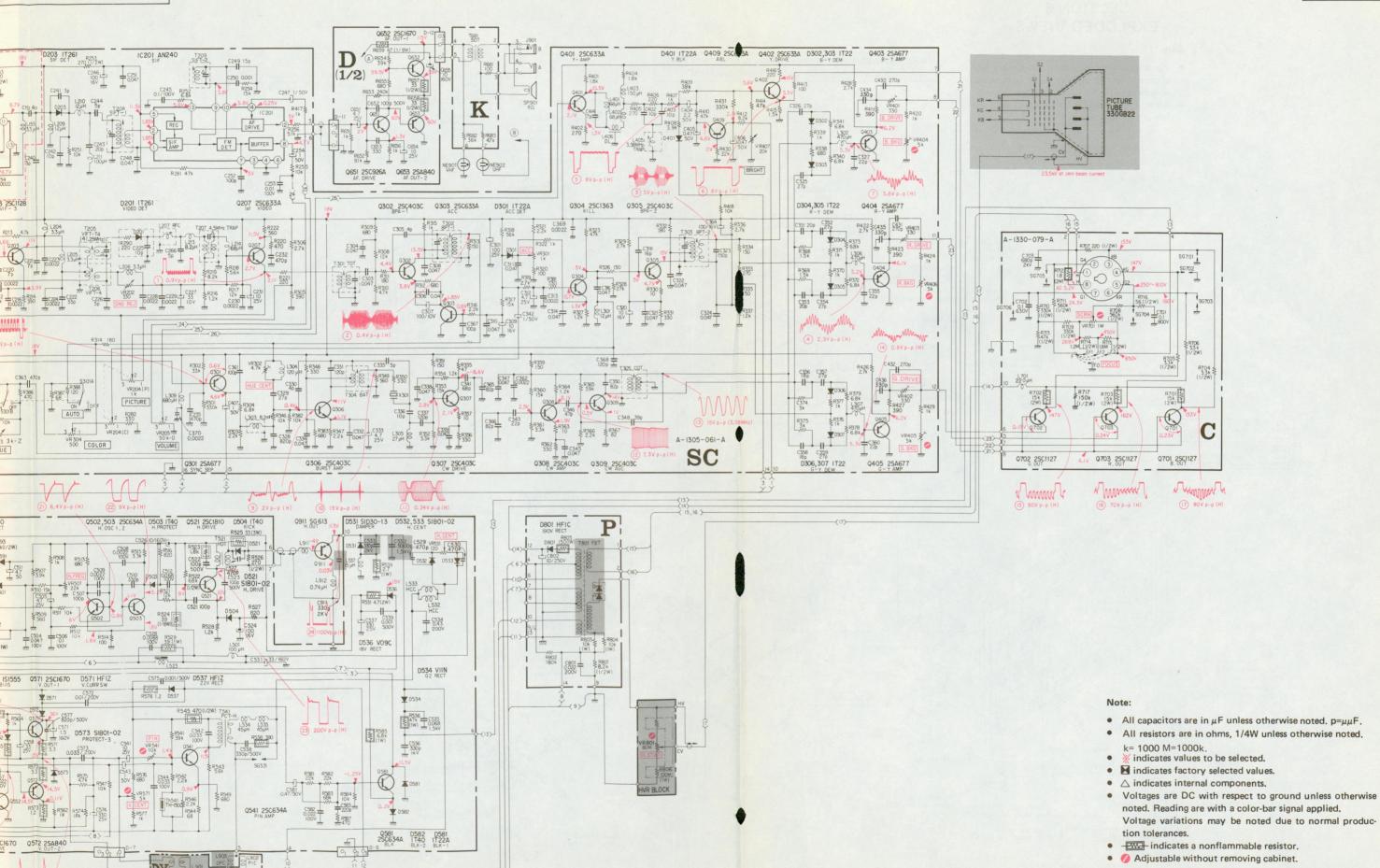
SG613



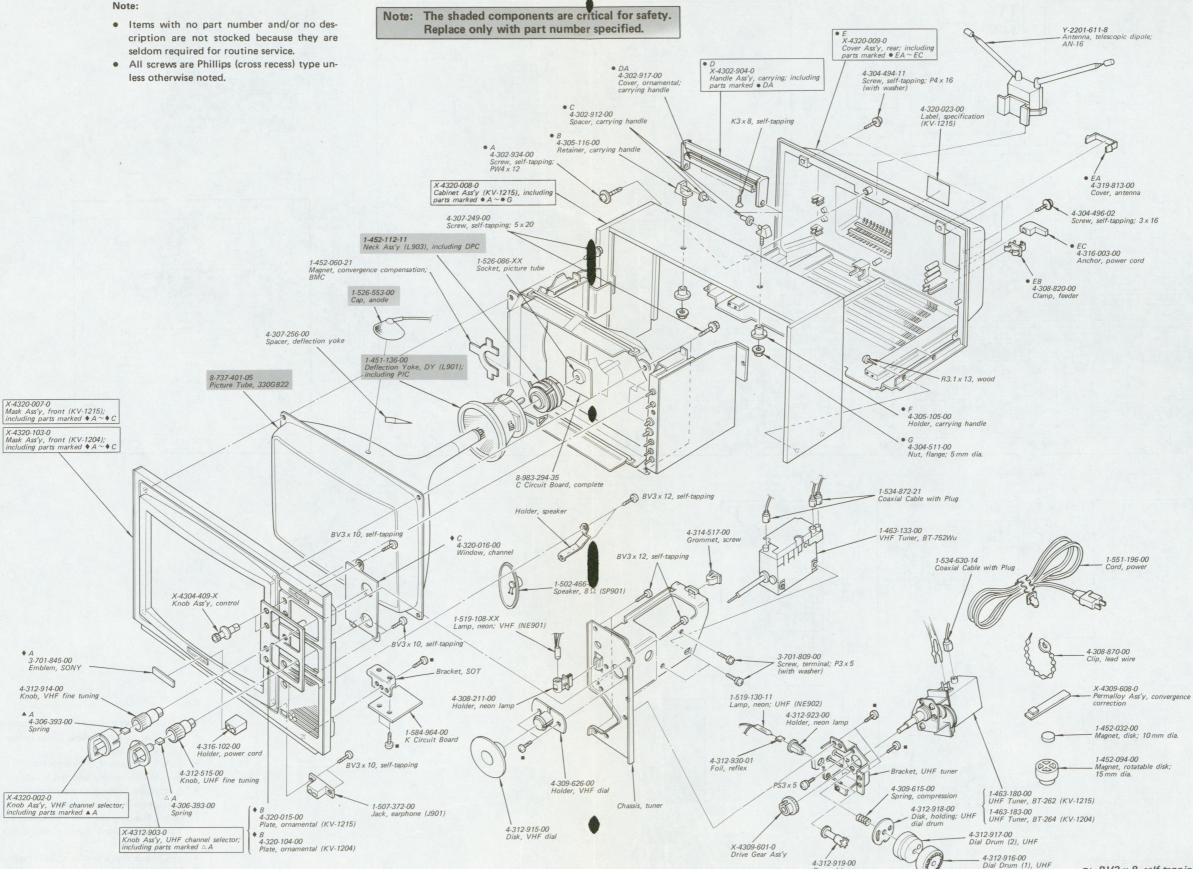


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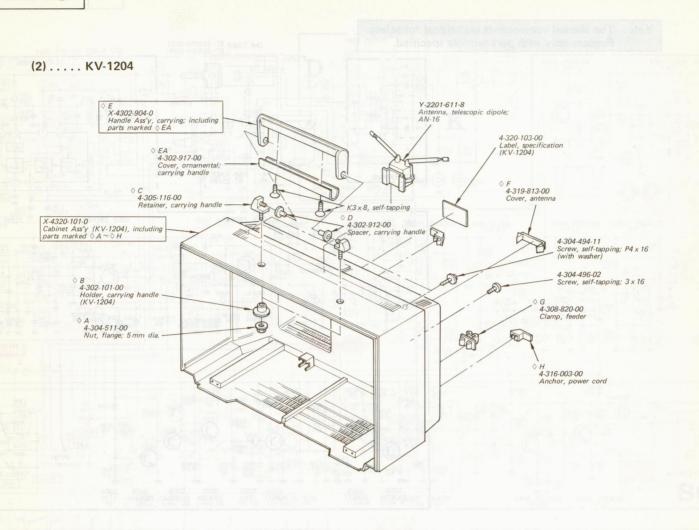




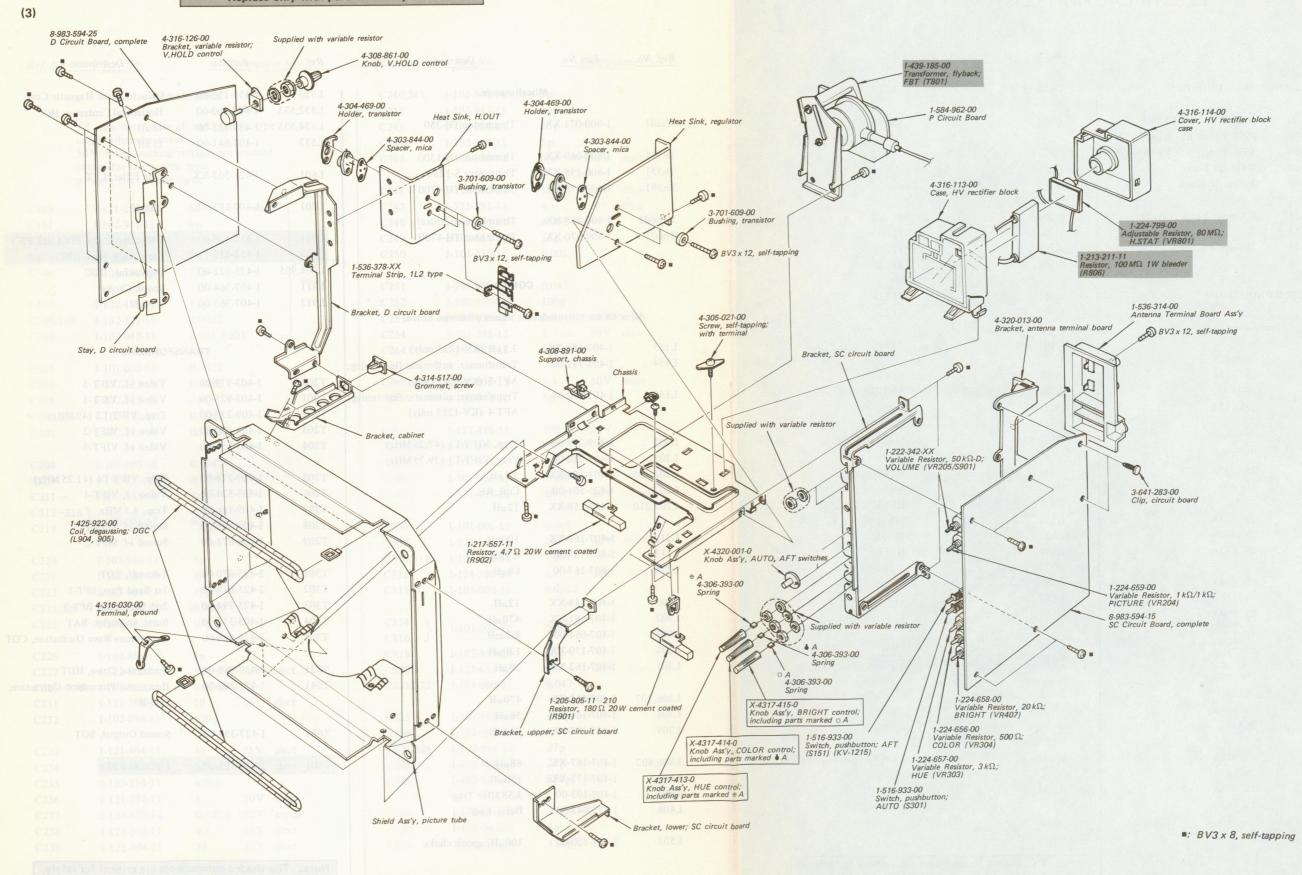
SECTION 6 EXPLODED VIEWS



: BV3 x 8, self-tapping



Note: The shaded components are critical for safety. Replace only with part number specified.



SECTION 7 ELECTRICAL PARTS LIST

1-463-133-00 1-463-180-00 1-463-183-00 1-584-962-00 1-584-964-00	VHF Tuner, BT-752Wu	Q701~703	2SC1127				T 500	1 150 151 15	
1-463-180-00 1-463-183-00 1-584-962-00					Mis	scellaneous	L523	1-459-156-00	Inductor with Magnetic Core
1-463-180-00 1-463-183-00 1-584-962-00							L532,533	1-407-200-00	Horizontal Centering, HCC
1-463-183-00 1-584-962-00		Q901	2SC867A	Th201	1-800-071-XX	Thermistor TH-350	L534,535	1-459-155-00	45μH
1-584-962-00	JHF Tuner, BT-262 (KV-1215)						L537	1-407-841-00	15 μH
	UHF Tuner, BT-264 (KV-1204)	Q911	SG613	Th541	1-800-069-XX	Thermistor TH-1500			
1-584-964-00	P Circuit Board			Th551	1-800-198-XX	Thermistor S-1250	L601	1-421-302-XX	Line Filter, LFT
	K Circuit Board		Diodes	Th591	1-800-070-XX	Thermistor TH-4700			
							L701	1-407-173-XX	220 µH
8-983-294-35	C Circuit Board, complete	D201	1T261	PTh601	1-800-065-XX	Thermistor (positive)			
8-983-594-15	SC Circuit Board, complete	D202	1T40	Th603	1-800-070-XX	Thermistor TH-4700	L901	1-451-136-00	Deflection Yoke, DY (incl. PIC)
8-983-594-25	D Circuit Board, complete	D203	1T261				L903	1-452-112-11	Neck Ass'y (incl. DPC)
		D204	1T22				L904,905	1-425-922-00	Degaussing, DGC
						COILS	L911	1-407-364-00	Spook Choke
SEMIC	ONDUCTORS	D301	1T22A						0.74 μH
		D302~307	1T22	All c	oils are microinduc	ctor unless otherwise noted		1 10, 500 00	0.77
Tı	ransistors					and the state of t			
		D401	1T22A	L153	1-407-184-XX	3 3 uH (KV-1215 only)		TDAN	NSFORMERS
	2SC1129							Inal	NOTORIVIENS
		D501~504	1T40	BIST	1-403-731-00		T200	1 402 071 00	Video : 6 VIET 5
				I 155	1 403 732 00				Video i-f, VIFT-5
				L133	1-403-732-00				Video i-f, VIFT-1
	23C033A					AF1-4 (KV-1213 Only)			Trap, VIFT-T2 (49 MHz)
	284677			1.001	1 400 210 00				Video i-f, VIFT-2
		D532,533	S1B01-02				T204	1-403-550-00	Video i-f, VIFT-3
		2501							
									Trap, VIFT-T4 (41.25 MHz)
	2SC403C								Video i-f, VIFT-4
				L209,210	1-407-158-XX	12μΗ			Trap, 4.5 MHz
									Sound i-f, SIFT-1
						100μΗ	T209	1-403-871-00	Sound i-f, SIFT-2
	2SC633A	D571	HF1Z	L213	1-407-189-00	8.2 µH			
		D572, 573	SIB01-02	L214	1-407-167-00	68 µH	T301	1-425-670-00	Take-off, TOT
	2SC634A	D581	1T22A				T302	1-425-619-00	1st Band Pass, BPT-1
	2SC1810	D582	1T40	L301	1-407-158-XX	12µH	T303	1-425-794-00	2nd Band Pass, BPT-2
	2SC634A	D591	1T40	L302	1-407-661-XX	470 µH	T304	1-405-372-00	Burst Amplifier, BAT
	2SC633A			L303	1-407-664-00	8.2 mH	T305	1-425-618-00	Continuous-Wave Oscillation, CO
	2SC1670	D601	U05E	L304	1-407-170-XX	120 µH			
		D605	RD11E				T521	1-437-068-00	Horizontal Drive, HDT
	2SC1670							1-421-263-00	Horizontal Pincushion Correction
	2SA840	D801	HF1C	1.306.307	1-407-661-XX	470 µH			РСТ-Н
	2SA677		ICs				T681	1-427-394-00	Sound Output, SOT
		IC151	CX089D (KV-1215 only)	L401,402	1-407-167-XX	68μH	T801	1-439-185-00	Flyback, FBT
	2SC1670			L403	1-407-171-XX	150μΗ			
	2SC926A	IC201	AN240	L405	1-409-193-00	3.58 MHz Trap			
	2SC1670			L406	1-415-042-00	Delay Line			
	2SA840								
	de //th			L501	1-407-720-00	100μH, spook choke			
		Note: The shaded	components are critical for safety.						onents are critical for safety.
		2SC1810 2SC634A 2SC633A 2SC1670 2SC1670 2SA840 2SC634A 2SA677 2SC926A 2SC926A 2SC926A 2SC926A 2SC1670	Transistors D302~307 D401 2SC1128 D501~504 2SA677 D505 2SC633A D521 D531 D532,533 2SC403C D536 2SA633A D534 2SC633A D551 2SC633A D551 2SC633A D571 D572, 573 D572, 573 2SC634A D591 2SC633A D591 2SC633A D591 2SC634A D591 2SC634A D591 2SC634A D591 2SC634A D591 2SC1670 D601 2SC43A D801 2SC926A IC151 2SC926A IC201 2SC1670 2SC840 2SC1670 2SC840 2SC1670 2SC840 2SC1670 2SC840 2SC1670 2SC840 2SC840 IC201	Transistors D302~307 IT22 D401 IT22A D401 IT22A D501~504 IT40 D505 EQA01-17R D505 S1B01-02 D531 D531 D531 D531 D530-13 D534 V11N D536 D537 HF1Z D537 D537 HF1Z D537 D537 D537 D537 D531 D531 D534 V11N D537 D537 HF1Z D537 D537 HF1Z D537 D537 D537 D531 D531 D534 V11N D537 HF1Z D537 D537 HF1Z D537 D537 HF1Z D552 D531 D571 HF1Z D572, 573 S1B01-02 D572, 573 D571 HF1Z D572, 573 D591 HF1Z D572, 573 D591 D591 D591 D591 D591 D605 RD11E D582 D605 RD11E D584 D581 D605 RD11E D586 D605 RD11E D586 D587 D605 RD11E D586 D587 D605 RD11E D586 D587 D591 D591 D591 D591 D592 D593 D594 D594 D595 D596 D596 D596 D596 RD11E D596 D596 D597 D605 RD11E D596 D597 D597 D605 RD11E D596 D597 D597 D605 RD11E D605 RD11E D597 D605 RD11E D605 D605 D606 D607 D607 D607 D608 D608	D302~307 IT22	D302~307 IT22	D302~307 IT22 All coils are microinductor unless otherwise noted.	D302-307 IT22 All coils are microinductor unless otherwise noted.	Transistors

Ref. No.	Part No.	Descrip	tion	Ref. No.	Part No.	Desc	ription
	21-989-11 V.02	PACITORS	C501	C240,241	1-102-940-11	3p 300 101 1	
			C502,503	C242	1-102-947-11	10pes Clar	
		η μF and ceramic ty	pe 0504	C243	1-102-958-11	20p	
	nless otherwise no		C505 .	C244	1-102-942-11	5pc 10 - 01 - 1	
	TEACH FA	g voltages are omitte	Dec	C245	1-108-638-12	0.1 100	V mylar
CA	scept for electroly $= \mu \mu F$, elect = elec						
P	02 314 3 0 0 0 1	[-102-973-11.m-	. C507	C246	1-121-415-11	100 16	V elect
C103	1-121-257-11	4.7 16 V ele	ect Senso	C247	1-121-391-11	1 50	V elect
C151	1-102-941-11	4pcs8_col_1	0120	C248	1-101-006-11	0.047	
C153,154	1-102-121-11	0.0022	C511	C249	1-102-668-11	15 p	
C155	1-102-940-11	3 p	WY 1015	C250	1-101-455-11	0.001	
C156	1-102-526-11	75 p	(KV-1215				
			only)	C251	1-101-006-11	0.047	
C157	1-102-496-11	82p 8-101-1	C523.523	C252	1-102-973-11	100p	
C158,159	1-102-121-11	0.0022	C524	C253	1-108-626-12	0.01 100	V mylar
C160	1-102-043-11	0.001 500V	2555	C254	1-121-391-11	1 50	V elect
			C526	C264	1-102-529-11	100p	
C202	1-101-002-11	0.0022					
C203	1-102-121-11	0.0022	C527	C265	1-121-393-11	3.3 50	V elect
C204	1-102-935-11	2p	C528	C266	1-102-942-11	5p agentar	
C205,206	1-102-121-11	0.0022	C529.530				
C207	1-102-125-11	0.0047	C531	C301	1-121-416-11	100 25	V elect
			Ultimate .	C303,304	1-101-006-11	0.047	
C208	1-101-003-11	0.0047		C305	1-102-941-11	4 p	
C209	1-102-121-11	0.0022	6823	C306	1-101-006-11	0.047	
C211	1-102-935-11	2p200081-1	C534	C307	1-121-414-11	100 00 10	V elect
C212~216	1 101 002 11	0.0022	C535				
C219	} 1-101-002-11	0.0022	C536 E825	C308	1-101-006-11	0.047	
			C537 ram	C309	1-121-651-11	10 22 20 16	V elect
C220	1-102-944-11	7 p		C310,311	1-101-006-11	0.047	
C221	1-102-662-11	I-102-030q7	C538	C312	1-121-395-11	4.7 25	V elect
C222	1-102-963-11	1-102-03qEE	C539	C313	1-101-002-11	0.0022	
C223,224	1-101-002-11	0.0022	C541				
C225	1-102-947-11	10pc3-801-1	C542	C314	1-101-006-11	0.047	
			C543	C316 J	82 p	1-102-971-11	
C226	1-102-856-11	5 p		C318	1-102-952-11	16p	
C227	1-121-402-11	33 10 V	elect	C320	1-121-651-11		V elect
C228~230	1-101-002-11	0.0022	C551,552	C321,322	1-101-006-11	0.047	
C231	1-121-398-11	10 25 V	elect	R585 1			
C232	1-102-098-11	470p	C554	C323	1-102-888-11	150p	
			C555 gran	C324	1-101-006-11	0.047	
C233	1-121-404-11	33 25 V	elect	C325,326	1-102-961-11	27 p	
	1-121-402-11	33 10V	elect	C327	1-102-959-11	22p	
	1-102-114-11	470p	CSS7xo ian	C328	1-102-117-11	820p	
	1-121-391-11	1 50V	elect				
C237	1-108-630-12	0.022 100 V	mylar	C329	1-102-961-11	27 p	
C238	1-121-396-11	4.7 50V	elect	C330	1-102-941-11	4p 11-201-1	
C239	1-121-404-11	33 25 V	elect	C331	1-102-765-11	120p	
				ea Parifornio water			

Ref. No.	Part No.	Descrip	tion	Ref. No.	Part No.	Descrip	otion
C332	1-101-006-11	0.047		C501	1-121-391-11	50 V	elect
C333	1-121-395-11	4.7 25 V	elect	C502,503	1-108-626-12	0.01 100 V	mylar
2334	1-101-006-11	0.047		C504	1-108-634-12	0.047 100 V	
2335	1-102-942-11	5p 242-201-1		C505	1-121-395-11	4.7 25 V	elect
2336	1-102-858-11	10p 3-801-1		C506	1-108-638-12	0.1 100V	mylar
C337	1-102-816-11	120p		C507	1-102-973-11	100p	
C338,339	1-101-006-11	0.047		C508,509	1-108-911-12	0.0022 100 V	mylar
C341	1-101-888-11	68p		C510	1-102-832-11	330p	
C342	1-121-391-11	1 50 V	elect	C511	1-121-396-11	4.7 50 V	elect
C343	1-102-959-11	22 p		C512	1-108-636-12	0.068 100 V	mylar
C345	1-101-006-11	0.047		C521	1-102-973-11	100p	
C346	1-101-880-11	47p		C522,523	1-101-810-11	100p 500V	
C347	1-101-006-11	0.047		C524	1-121-415-11	100 16 V	
C348	1-102-965-11	39p		C525	1-121-391-11	1 - 50 V	
C350	1-102-886-11	82p		C526	1-121-999-11	10 160 V	
		.0 *					
C351	1-102-958-11	20 p		C527	1-102-098-11	470p	
C352	1-102-961-11	27 p		C528	1-108-624-12	0.0068 100V	mylar
C353	1-102-958-11	20 p		C529,530	1-102-098-11	470p	C205,206
C354	1-102-961-11	27 p		C531	1-123-024-11	33 160V	elect
C355	1-102-959-11	22 p		C532	1-130-070-11	5000p 1.5 kV	polyethylene
C356	1-102-953-11	18p		C533	1-102-155-11	330p 2kV	
C357	1-102-961-11	27 p		C534	1-130-069-11	0.43 200 V	polyethylene
C358	1-102-953-11	18p		C535	1-129-953-11	0.068 1.5 kV	polyethylene
C359	1-102-961-11	27 p		C536	1-102-095-11	330p 1kV	
C360	1-102-959-11	22 p		C537	1-121-654-11	330 25 V	elect
00.61				0500	1 100 000 11	1-102-944-11	
C361	1-102-973-11	100p		C538	1-102-030-11	330p 500V	
C362	1-101-002-11	0.0022		C539	1-102-038-11	0.001 500 V	
C363	1-102-114-11	470p	. 100	C541	1-121-398-11	10 00-10 25 V	
C364	1-121-415-11	100 16 V	elect	C542	1-108-632-12	0.033 100 V	
C365,366	1-102-971-11	82p		C543	1-121-391-11	1 50V	
00.00	god /			Of the sale	Sp.		C226
C367	1-102-973-11	100p		C544 00 0	1-108-632-12	0.033 100 V	,
C368	1-102-816-11	120p		C551,552	1-108-626-12	0.01 100 V	
C369, 370	1-101-002-11	0.0022		C553 0919	1-108-640-12	0.15 100 V	
C402,403	1-102-858-11	10p		C554	1-131-158-11	10 16 V	
C404	1-121-450-11	2.2 50V	elect	C555	1-121-404-11	33 25 V	elect
C405	1-121-726-11	0.47 50V	elect				C234
C406	1-121-951-11	0.47 50V	elect	C556	1-121-261-11	220 35 V	
C407	1-121-391-11	1 50 V	elect	C557	1-108-684-12	0.0022 200 V	
0414	1 102 044 44	14.130.COL.13		C558	1-121-404-11	33 25 V	
C414	1-102-944-11	7p		C571	1-123-167-11	1.5 160 V	
C430~432 C434~436	1-102-111-11	270p		C5.72	1-108-692-12	0.01 200 V	
1 /1 4/1 ~ /1 4/5	1-102-113-11	390p		C573	1-108-698-12	0.033 200 V	mylar

KV-1204 KV-1215

Ref. No.	Part No.		Descrip	<u>rtion</u>	-
C574	1-121-989-11	330	25 V	elect	
C575	1-102-038-11	0.001	500V	VE202 1.273	
C577	1-102-212-11	820p	500V	The state of the s	
C581	1-121-726-11	0.47	50 V	elect	
C582	1-108-630-12	0.022	100 V	mylar	
C583	1-102-110-11	220p			
C591	1-102-114-11	470p			
0601	1 100 745 12	0.22	1251	INC. Schoolsev	
C601	1-108-745-12	0.22	125 V	mylar	
C602	1-102-189-11	0.0047	150V	1 (11 1)	
C606	1-125-074-11	470/10	200 V	elect (block)	11/4
C607 C651	1-101-810-11 1-121-395-11	100p 4.7	25 V	elect	
C031	Casar A constant	455	25 4	ACC 1	
C652	1-101-810-11	100p	500 V	Etty (trav)	04
C653	1-102-832-11	330p		155-1	
C654	1-121-398-11	10		elect	
C655	1-121-999-11	10	160 V	elect	
C701	1-130-064-11	0.1	800 V	polyethylene	
C702	1-129-739-11	0.1	630 V	polyethylene	
C703	1-102-249-11	680p	2 kV		
C801	1-108-696-12	0.022	200V	mylar	
C802	1-121-262-11	10	250 V	elect	
C911	1-102-155-11	330p	2 kV	Sharken - Salke	102
0,11	1102-133-11	REAL LIBERTS	TO	Sheet	
CV201	1-141-138-XX	8 p		trimmer	
				Party that	
	RE	SISTORS		rour term	
	All projectors are in a	han Dan	1 4	etal teenin	
	All resistors are in o	are omitte	d.	Coertes	
	Check schematic dia All adjustable and v characteristic curve	ariable resis	tors hav		
	noted. k = 1000, M		illel wisc		ioni.
R153	1-244-859-11	270	½W	carbon	7
				(KV-1215 only)	E P
				100 F 100 F 500	
R230	1-213-131-11	100	1W	metal oxide	
R253	1-244-859-11	270	½ W	carbon	
R332	1-213-134-11	180	1 W	metal oxide	
1332	1-215-154-11	100	1 W	metal oxide	

	Ref. No.	Part No.		Descrip	tion
	R351	1-213-133-11	150	1W	metal oxide
	R359	1-213-133-11	150	1W	metal oxide
	R520	1-213-150-11	3.9 k	1W	metal oxide (nonflammable)
7	R522	1-244-917-11	68 k	½ W	carbon
	R523	1-211-550-11	1.8 k	1/4 W	carbon (nonflammable)
w	R524	1-211-421-11	39	1/8 W	carbon (nonflammable)
87	R525	1-206-523-11	33	3W	metal oxide (nonflammable)
	R526	1-244-859-11	270	½ W	carbon
ev l	R529	1-213-126-11	39	1W	metal oxide (nonflammable)
	R531	1-206-455-11	4.7	2W	metal oxide (nonflammable)
	R536	1-213-163-11	47 k	1W	metal oxide
	R538	1-211-536-11	390	1/4 W	carbon
	R539	1-212-390-11	2.7	1W	(nonflammable) metal oxide (nonflammable)
	R545	1-244-865-11	470	½ W	carbon
	R559	1-207-467-11	2.2	½ W	wirewound
Short	R563	1-211-526-11	150	1/4 W	carbon (nonflammable)
	R565	1-211-512-11	39	1/4 W	carbon (nonflammable)
TO STATE	R571,572	1-211-687-11	3.3	½ W	carbon (nonflammable)
125	R573	> 1-210-860-11	1.2	1/4 W	200
18	R578	7 1-210-000-11	1.2	74 11	(nonflammable)
	R585	1-213-153-11	6.8 k	1W	metal oxide (nonflammable)
7)	R593	1-244-917-11	68 k	½ W	carbon
gent	■R595				carbon
385				(facto	ory selected value)
il and	R601	1-206-692-11	15 k	2W	metal oxide (nonflammable)
	: factory	selected value			

Ref. No.

Part No.

Description

Note: The shaded components are critical for safety.
Replace only with part number specified.

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
	1-452-060-21	Magnet, beam convergence		1-536-314-00	Antenna Terminal Board Ass'y
		compensation; HMC/VMC		1-536-378-XX	Terminal Strip, 1L2 type
	1-452-094-00	Magnet, rotatable disk; 15 mm dia.		1-551-196-00	Cord, power
	1-526-086-XX	Socket, picture tube		0 101 05	
	1-526-553-00	Cap, anode		8-737-401-05	Picture Tube, 330GB22
	1-534-630-14	Coaxial Cable with Plug			
	1-534-872-21	Coaxial Cable with Plug			

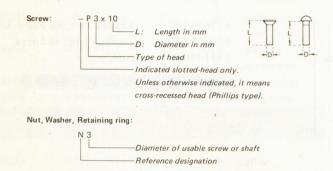
	THE RESERVED		A Little	2000	100, 110.		The second of th	
R602	1-213-160-11	27 k	1W	metal oxide	VR301	1-224-642-XX	001 k, adjustable; ACC	
				(nonflammable)		1-224-644-XX	4.7 k, adjustable; HUE CENT	775
R604	1-211-441-11	390	1/8 W	carbon		1-224-657-00	3 k-Z, variable; HUE	
				(nonflammable)		1-224-656-00	500, variable; COLOR	
R605	1-202-643-31	820	½ W	composition				
R606	1-206-700-11	33 k	2W	metal oxide	VR401	1-224-640-XX	330, adjustable; B.DRIVE	
R608			1/4·W	carbon	VR402	1-224-640-XX	330, adjustable; G.DRIVE	
			(facto	ory selected value)	VR403	1-224-640-XX	330, adjustable; R.DRIVE	
	Octubo a Wigney			R524 1-211	VR404	1-221-389-XX	5 k, adjustable; B.BKG	
R611	1-211-929-11	82	1/8 W	carbon	VR405	1-221-389-XX	5 k, adjustable; G.BKG	
			13-112	(nonflammable)				
R657,658	1-211-602-11	33	½ W	carbon	VR406	1-221-389-XX	5 k, adjustable; R.BKG	
				(nonflammable)	VR407	1-224-658-00	20 k, variable; BRIGHT	
R659	1-211-933-11	47	1/8 W	carbon			1-121-395-110001 4.7	
			126.11	(nonflammable)	VR501	1-224-646-XX	22 k, adjustable; H.FREQ	
					VR531	1-223-067-00	120, adjustable; H.CENT	
R701~703	1-206-692-11	15 k	2W	metal oxide	VR541	1-222-512-00	10 k, adjustable; PIN	
	mony TOP-Edit			(nonflammable)	VR551	1-224-658-00	20 k, variable; V.HOLD	
R704~706	1-202-585-31	3.3 k	½ W	composition	VR552	1-222-807-XX	20 k, adjustable; V.SIZE	
R707	1-202-629-31	220k	½ W	composition	VR571	1-221-389-XX	5 k, variable; V.CENT	
R708	1-202-639-31	560 k	½W	composition	Sinstytes	sect poly	2 1.0 0.0091 About pylor	
R709,710	1-202-633-31	330 k	½ W	composition	VR601	1-222-517-00	1 k, adjustable; 115 V ADJ	
abizo	island W partai	1 48 270	Fines	813-1 - 652-9	0538	11172/024-1	5080 F 11-05-201-Fleat	
R711	1-202-639-31	560 k	½ W	composition	VR701	1-224-150-00	1 M, adjustable; SCRN	
	1-217-516-11	1.8	2W	wirewound		siye Woor	\$20.00 \$1.000.801.1	
				(nonflammable)	VR801	1-224-799-00	80 M, adjustable; H.STAT	
R713	1-202-613-31	47 k	1/2 W	composition				
R713	1-202-613-31 1-202-647-31	47 k 1.2 M	½W ½W	composition				
R714	1-202-647-31	1.2 M	½ W	composition		MIS	CELLANEOUS	
						MIS	CELLANEOUS	
R714 R715	1-202-647-31 1-202-651-31	1.2 M 0 1.8 M	½ W ½ W	composition composition	F601			
R714 R715	1-202-647-31 1-202-651-31 1-202-543-31	1.2 M 1.8 M	½ W ½ W	composition composition	F601	MIS	CELLANEOUS Fuse, 4A	
R714 R715	1-202-647-31 1-202-651-31	1.2 M 0 1.8 M	½ W ½ W	composition composition		1-532-271-XX	Fuse, 4A	
R714 R715 R716 R717	1-202-647-31 1-202-651-31 1-202-543-31 1-202-625-31	1.2 M 1.8 M 56 150 k	½ W ½ W ½ W	composition composition composition	F601 J901			
R714 R715 R716 R717	1-202-647-31 1-202-651-31 1-202-543-31 1-202-625-31 1-202-595-31	1.2 M 1.8 M 56 150 k 8.2k	1/2 W 1/2 W 1/2 W 1/2 W 1/2 W	composition composition composition composition	J901	1-532-271-XX 1-507-372-00	Fuse, 4A Jack, earphone	
R714 R715 R716 R717 R801 R803,804	1-202-647-31 1-202-651-31 1-202-543-31 1-202-625-31 1-202-595-31 1-202-788-31	1.2 M 1.8 M 56 150 k 8.2k 10 k	1/2 W 1/2 W 1/2 W 1/2 W 1/2 W 1/2 W 1 W	composition composition composition	J901 NE901	1-532-271-XX 1-507-372-00 1-519-108-XX	Fuse, 4A Jack, earphone Lamp, neon; VHF	
R714 R715 R716 R717	1-202-647-31 1-202-651-31 1-202-543-31 1-202-625-31 1-202-595-31	1.2 M 1.8 M 56 150 k 8.2k	1/2 W 1/2 W 1/2 W 1/2 W 1/2 W	composition composition composition composition composition composition metal oxide	J901	1-532-271-XX 1-507-372-00	Fuse, 4A Jack, earphone	
R714 R715 R716 R717 R801 R803,804 R805	1-202-647-31 1-202-651-31 1-202-543-31 1-202-625-31 1-202-595-31 1-202-788-31 1-213-133-11	1.2 M 1.8 M 56 150 k 8.2k 10 k 150	½ W ½ W ½ W ½ W ½ W 1/2 W 1/2 W 1 W 1 W 1 W	composition composition composition composition composition composition metal oxide (nonflammable)	J901 NE901 NE902	1-532-271-XX 1-507-372-00 1-519-108-XX 1-519-130-11	Fuse, 4A Jack, earphone Lamp, neon; VHF Lamp, neon; UHF	
R714 R715 R716 R717 R801 R803,804	1-202-647-31 1-202-651-31 1-202-543-31 1-202-625-31 1-202-595-31 1-202-788-31	1.2 M 1.8 M 56 150 k 8.2k 10 k	1/2 W 1/2 W 1/2 W 1/2 W 1/2 W 1/2 W 1 W	composition composition composition composition composition composition metal oxide	J901 NE901	1-532-271-XX 1-507-372-00 1-519-108-XX	Fuse, 4A Jack, earphone Lamp, neon; VHF Lamp, neon; UHF Switch, pushbutton; AFT	
R714 R715 R716 R717 R801 R803,804 R805	1-202-647-31 1-202-651-31 1-202-543-31 1-202-625-31 1-202-795-31 1-202-788-31 1-213-133-11	1.2 M 1.8 M 56 150 k 8.2 k 10 k 150	1/2 W 1/2 W 1/2 W 1/2 W 1/2 W 1 W 1 W	composition composition composition composition composition composition metal oxide (nonflammable) bleeder	J901 NE901 NE902 S151	1-532-271-XX 1-507-372-00 1-519-108-XX 1-519-130-11 1-516-933-00	Fuse, 4A Jack, earphone Lamp, neon; VHF Lamp, neon; UHF Switch, pushbutton; AFT (KV-1215 only)	
R714 R715 R716 R717 R801 R803,804 R805 R806	1-202-647-31 1-202-651-31 1-202-543-31 1-202-625-31 1-202-798-31 1-202-788-31 1-213-133-11 1-213-211-11	1.2 M 1.8 M 56 150 k 8.2k 10 k 150	1/2 W 1/2 W 1/2 W 1/2 W 1/2 W 1 W 1 W 1 W	composition composition composition composition composition composition metal oxide (nonflammable) bleeder cement coated	J901 NE901 NE902	1-532-271-XX 1-507-372-00 1-519-108-XX 1-519-130-11	Fuse, 4A Jack, earphone Lamp, neon; VHF Lamp, neon; UHF Switch, pushbutton; AFT	
R714 R715 R716 R717 R801 R803,804 R805	1-202-647-31 1-202-651-31 1-202-543-31 1-202-625-31 1-202-795-31 1-202-788-31 1-213-133-11	1.2 M 1.8 M 56 150 k 8.2 k 10 k 150	1/2 W 1/2 W 1/2 W 1/2 W 1/2 W 1 W 1 W	composition composition composition composition composition composition metal oxide (nonflammable) bleeder	J901 NE901 NE902 S151 S301	1-532-271-XX 1-507-372-00 1-519-108-XX 1-519-130-11 1-516-933-00 1-516-933-00	Fuse, 4A Jack, earphone Lamp, neon; VHF Lamp, neon; UHF Switch, pushbutton; AFT (KV-1215 only) Switch, pushbutton; AUTO	
R714 R715 R716 R717 R801 R803,804 R805 R806	1-202-647-31 1-202-651-31 1-202-543-31 1-202-625-31 1-202-788-31 1-213-133-11 1-213-211-11 1-205-805-11 1-217-557-11	1.2 M 1.8 M 56 150 k 8.2k 10 k 150 100 M	1/2 W 1/2 W 1/2 W 1/2 W 1/2 W 1 W 1 W 20 W 20 W	composition composition composition composition composition composition metal oxide (nonflammable) bleeder cement coated cement coated	J901 NE901 NE902 S151 S301 SG531	1-532-271-XX 1-507-372-00 1-519-108-XX 1-519-130-11 1-516-933-00 1-516-933-00	Fuse, 4A Jack, earphone Lamp, neon; VHF Lamp, neon; UHF Switch, pushbutton; AFT (KV-1215 only) Switch, pushbutton; AUTO Spark Gap, 1.5 kV	
R714 R715 R716 R717 R801 R803,804 R805 R806 R901 R902	1-202-647-31 1-202-651-31 1-202-543-31 1-202-625-31 1-202-788-31 1-213-133-11 1-213-211-11 1-205-805-11 1-217-557-11 1-224-641-XX	1.2 M 1.8 M 56 150 k 8.2k 10 k 150 100 M	1/2 W 1/2 W 1/2 W 1/2 W 1/2 W 1 W 1 W 1 W 2 O W 2 O W	composition composition composition composition composition composition metal oxide (nonflammable) bleeder cement coated cement coated	J901 NE901 NE902 S151 S301 SG531 SG701~706	1-532-271-XX 1-507-372-00 1-519-108-XX 1-519-130-11 1-516-933-00 1-516-933-00 1-519-063-XX 1-519-063-XX	Fuse, 4A Jack, earphone Lamp, neon; VHF Lamp, neon; UHF Switch, pushbutton; AFT (KV-1215 only) Switch, pushbutton; AUTO Spark Gap, 1.5 kV Spark Gap, 1.5 kV	
R714 R715 R716 R717 R801 R803,804 R805 R806 R901 R902 VR201 VR202	1-202-647-31 1-202-651-31 1-202-543-31 1-202-625-31 1-202-788-31 1-213-133-11 1-213-211-11 1-205-805-11 1-217-557-11 1-224-641-XX 1-224-640-XX	1.2 M 1.8 M 56 150 k 8.2k 10 k 150 100 M 180 4.7 470, ac 330, ac	½W ½W ½W ½W ½W 1W 1W 1W 20W 20W djustable	composition composition composition composition composition composition composition metal oxide (nonflammable) bleeder cement coated cement coated c; TU AGC c; SND REJ	J901 NE901 NE902 S151 S301 SG531	1-532-271-XX 1-507-372-00 1-519-108-XX 1-519-130-11 1-516-933-00 1-516-933-00	Fuse, 4A Jack, earphone Lamp, neon; VHF Lamp, neon; UHF Switch, pushbutton; AFT (KV-1215 only) Switch, pushbutton; AUTO Spark Gap, 1.5 kV	
R714 R715 R716 R717 R801 R803,804 R805 R806 R901 R902 VR201 VR202 VR203	1-202-647-31 1-202-651-31 1-202-543-31 1-202-625-31 1-202-788-31 1-202-788-31 1-213-133-11 1-213-211-11 1-205-805-11 1-217-557-11 1-224-641-XX 1-224-640-XX 1-224-642-XX	1.2 M 1.8 M 56 150 k 8.2k 10 k 150 100 M 4.7 470, ac 330, ac 1 k, ad	½W ½W ½W ½W ½W 1W 1W 1W 20W 20W ljustable justable;	composition composition composition composition composition composition composition metal oxide (nonflammable) bleeder cement coated cement coated cer; TU AGC c; SND REJ	J901 NE901 NE902 S151 S301 SG531 SG701~706 SP901	1-532-271-XX 1-507-372-00 1-519-108-XX 1-519-130-11 1-516-933-00 1-516-933-00 1-519-063-XX 1-519-063-XX 1-502-466-00	Fuse, 4A Jack, earphone Lamp, neon; VHF Lamp, neon; UHF Switch, pushbutton; AFT (KV-1215 only) Switch, pushbutton; AUTO Spark Gap, 1.5 kV Spark Gap, 1.5 kV Speaker, 8Ω	
R714 R715 R716 R717 R801 R803,804 R805 R806 R901 R902 VR201 VR202 VR203 VR204	1-202-647-31 1-202-651-31 1-202-543-31 1-202-625-31 1-202-788-31 1-202-788-31 1-213-133-11 1-213-211-11 1-205-805-11 1-217-557-11 1-224-641-XX 1-224-640-XX 1-224-642-XX 1-224-659-00	1.2 M 1.8 M 56 150 k 8.2k 10 k 150 100 M 4.7 470, ac 330, ac 1 k, ad 1 k/1 k	½W ½W ½W ½W ½W 1W 1W 1W 20W 20W djustable justable; , variabl	composition composition composition composition composition composition metal oxide (nonflammable) bleeder cement coated cement coated cement coated cement coated cer; TU AGC c; SND REJ c; VIF AGC c; PICTURE	J901 NE901 NE902 S151 S301 SG531 SG701~706	1-532-271-XX 1-507-372-00 1-519-108-XX 1-519-130-11 1-516-933-00 1-516-933-00 1-519-063-XX 1-519-063-XX 1-502-466-00 1-527-154-00	Fuse, 4A Jack, earphone Lamp, neon; VHF Lamp, neon; UHF Switch, pushbutton; AFT (KV-1215 only) Switch, pushbutton; AUTO Spark Gap, 1.5 kV Spark Gap, 1.5 kV Speaker, 8Ω Crystal	
R714 R715 R716 R717 R801 R803,804 R805 R806 R901 R902 VR201 VR202 VR203 VR204	1-202-647-31 1-202-651-31 1-202-543-31 1-202-625-31 1-202-788-31 1-202-788-31 1-213-133-11 1-213-211-11 1-205-805-11 1-217-557-11 1-224-641-XX 1-224-640-XX 1-224-642-XX	1.2 M 1.8 M 56 150 k 8.2k 10 k 150 100 M 4.7 470, ac 330, ac 1 k, ad 1 k/1 k	½W ½W ½W ½W ½W 1W 1W 1W 20W 20W djustable justable; , variabl	composition composition composition composition composition composition composition metal oxide (nonflammable) bleeder cement coated cement coated cer; TU AGC c; SND REJ	J901 NE901 NE902 S151 S301 SG531 SG701~706 SP901	1-532-271-XX 1-507-372-00 1-519-108-XX 1-519-130-11 1-516-933-00 1-516-933-00 1-519-063-XX 1-519-063-XX 1-502-466-00	Fuse, 4A Jack, earphone Lamp, neon; VHF Lamp, neon; UHF Switch, pushbutton; AFT (KV-1215 only) Switch, pushbutton; AUTO Spark Gap, 1.5 kV Spark Gap, 1.5 kV Speaker, 8Ω	

Ref. No. Part No.

Description

Part No.	Description
X-3701-031-5	Card, warranty
Y-2063-103-0	Antenna, loop (AN-15)
Y-2201-611-8	Antenna, telescopic dipole (AN-16)
1-504-034-32	Earphone (ME-20B)
3-701-352-00	Bag, polyethylene
3-701-355-01	Label, tack
3-701-730-02	Envelope, IBM card
3-793-898-21	Tag, material
4-320-024-00	Sheet, protection (KV-1204 only)
4-320-025-00	Carton
4-320-026-00	Cushion, right; lower
4-320-027-00	Cushion, left; lower (KV-1215)
4-320-028-00	Cushion, left; upper only)
4-320-029-00	Cushion, right; upper
4-320-105-00	Carton
4-320-106-00	Cushion, right; upper (KV-1204
4-320-107-00	Cushion, left: upper
4-320-108-00	Cushion, right; lower only)
4-320-109-00	Cushion, left; lower
4-491-039-12	Tag, VHF antenna
4-491-058-12	Tag, eye-catcher
4-491-107-22	Leaflet, instruction
4-493-214-12	Card, caution
4-495-559-21	Manual, instruction (KV-1204 only)
4-495-560-21	Manual, instruction (KV-1215 only)
7-822-282-01	Card, IBM (white)
7-822-282-02	Card, IBM (pink)
7-822-282-03	Card, IBM (green)

HARDWARE NOMENCLATURE



Reference Designation	Shape	Description	Remarks
	•	SCREWS	
Ρ.	£	pan-head screw	binding-head (B) screw for replacement
PWH	1	pan-head screw with washer face	binding-head (B) screw and flat washer for replacement
PS PSP	353	pan-head screw with spring washer	binding-head (B) screw and spring washer for replace- ment
PSW PSPW		pan-head screw with spring and flat washers	binding-head (B) screw and spring and flat washers for replacement
R	1	round-head screw	binding-head (B) screw for replacement
K	Ð	flat-countersunk-head screw	MF-2081 annual Sec. 130
RK	P	oval-countersunk-head screw	
В	\bar{\bar{\bar{\bar{\bar{\bar{\bar{	binding-head screw	
Т	1	truss-head screw	binding-head (B) screw for replacement
F	Ð	flat-fillister-head screw	W som strong lair
RF	9	fillister-head screw	N ADMINISTRA
BV	(D	braizer-head screw	election (XV _C) 20# onto

Shape	Description	Remarks
nya Men, b	SELF-TAPPING SCRE	WS
1	self-tapping screw	ex: TA, P 3 x 10
	pan-head self-tapping screw	binding-head self- tapping (TA, B) screw for replacement
+	pan-head self-tapping screw with washer face	binding-head self tapping (TA, B) screw and flat washer for replacement
	pan-head thread-rolling screw with washer face	binding-head (B) screw and flat washer for replacement
	SET SCREWS	
E	set screw	
0	hexagon-socket set screw	ex: SC 2.6 x 4, hexagon socket
	NUT	ple project real
10	nut	
122334	WASHERS	AND RELEASED TO STATE
0	flat washer	
9 8	spring washer	
(Constant	internal-tooth lock washer	ex: LW3, internal
	external-tooth lock washer	ex: LW3, external
	RETAINING RINGS	
0	retaining ring	
8	grip-type retaining ring	
00-525 00-625 50-035	8898 205-8 205-8 205-80 (10-88-3) (18) 200-8	
		SELF-TAPPING SCRE self-tapping screw pan-head self-tapping screw with washer face pan-head thread-rolling screw with washer face SET SCREWS set screw hexagon-socket set screw NUT nut WASHERS flat washer spring washer internal-tooth lock washer external-tooth lock washer RETAINING RINGS

Sony Corporation